

SYSTEM AND METHOD FOR PROVIDING ASSET MANAGEMENT AND TRACKING CAPABILITIES

Abstract of the Disclosure

A comprehensive method and system is provided for managing bulk and non-bulk material and assets using radio frequency and other asset identification devices, distributed mobile computing systems, centralized data storage environments, and client-server based computing. In particular, a process has been designed and to manage shipment items from businesses and third parties to customer designated locations. Components of this system include electronic asset identification devices, a central data repository, a mobile computing environment and associated software applications supporting a client-server system or n-tiered computer system. The mobile computing environment includes software which enables users to physically locate assets, view asset information, and modify such information to reflect current asset status. This information may then be exchanged and synchronized across the n-tiered computer system. Additionally, various personnel associated with the shipping arrangement may have access to the available information over a computer network such as the Internet. In this manner, such personnel can easily determine the status of various shipments and also promptly act on information collected during any status updates, thereby expediting the resolution of any potential exceptions which may arise.

Figures

Figure 1: A line graph showing the relationship between the number of people in a group and the time it takes for a message to be passed. The x-axis is labeled 'Number of people in group' and ranges from 0 to 10. The y-axis is labeled 'Time taken for message to be passed (minutes)' and ranges from 0 to 10. The graph shows a linear increase in time as the number of people increases. The data points are as follows:

Number of people in group	Time taken for message to be passed (minutes)
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10